



A TRIP INTO SPACE - CHOOSE YOUR GEAR

NOTE TO TEACHERS: Presented here is our list of four categories used to identify our view of how these items should be ranked. Since there are less than 10 items in Category 1 (critical items) there will be a lot of leeway for filling out the list with Category 2 items.

Some of you might rank these items in different categories than those presented here. Be ready for some lively discussion in justifying and discussing your choices.

You might also ask students to identify which items would amount to a complete waste of time and effort to bring on the mission; what the drawback of bringing useless items along on the trip would be (weight and storage loss).

1 = critical items required for survival. These should be on all lists;

2 = useful items and handy to have. Often required for some of the daily experiments and chores;

3 = items of limited usefulness but still acceptable;

4 = useless items in most any off-planet environment.

2	Food - as Energy Bars	4	Return ticket to Earth
1	Shelter - as landing craft with bunks	4	Cans of soft drinks
4	Clothing - variety of light and heavy	4	Food - as frozen dinners
4	Pogo stick for recreation and exercise	3	Sleeping bag
4	Barbells for exercise	2	Shelter - as Mylar tent
3	Water - in cans	2	Flash light
4	Gun and ammunition	4	Matches
4	Map and compass	4	Eating utensils
4	Frisbee for recreation and exercise	1	Extra oxygen canisters
4	Extra socks	3	Straws
4	Pen and paper	1	Food - as squeeze tube items
4	Warm jacket	4	Heavy wool socks
4	Down jacket as used in Arctic Expeditions	2	Extra batteries
2	Food - as MREs	4	Rain coat
4	Extra money or credit cards	1	Water - in squirt bags and squeeze tubes
4	Umbrella	4	Hiking boots
4	Bow and arrow	2	Rope
4	Sun Screen	2	Tote Bag
4	Soap and shampoo	4	Bicycle
4	Toilet paper	4	Sandals
2	Water - in plastic bottles	4	Cookies and crackers
4	Shower shoes/flip flops	4	Clean underwear
4	Shelter - as nylon tent	3	Squirt gun
2	Knife	2	Long velcro straps
1	Spacesuit with oxygen canisters	1	Radio and transmitter